

Application No.: Not Yet Assigned
Page 4

A marked up copy of amended claim 40 is provided in Appendix A entitled "**VERSION WITH MARKINGS TO SHOW CHANGES MADE.**" As a convenience to the Examiner, a complete set of the claims, as amended herein, is also attached to this Amendment as Appendix B.

2. *Support for the amendment to the specification*

Support for the amendments to the claims can be found throughout the specification, the drawings, and the claims as originally drafted. For example, support for amended claim 40 and new claims 65-66 can be found on, e.g., page 22, lines 13-25 of the specification. Support for claims 67 and 75-76 can be found on, e.g., page 48, lines 3-16 of the specification. Support for claims 68, 75 and 77 can be found, e.g., on page 48, lines 17 to page 49, line 16 of the specification. Support for new claims 69-74 can be found, e.g., in originally filed claims 4-9, respectively. Support for new claim 78 can be found, e.g., on the sentence bridging pages 4-5 of the specification. No new matter is added by this Amendment.

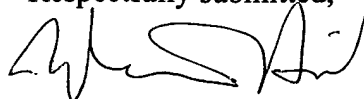
CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

Application No.: Not Yet Assigned
Page 5

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



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APPENDIX A

VERSION WITH MARKINGS TO SHOW CHANGES MADE

40. (Amended) A method of enhancing lignification in a vascular plant, comprising suppressing expression of an AGL8-like gene product comprising a polypeptide at least 50% identical to SEQ ID NO:2 [expression] in said vascular plant, [whereby lignification is enhanced] thereby enhancing lignification.

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